

PIYABUTE FUANGKHON

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EDUCATION

- M.S. in Computer Science, 2005 (Thesis)
Assumption University, Bangkok, Thailand
- B.S. in Computer Science, 2000
Assumption University, Bangkok, Thailand

CERTIFICATION

- Microsoft Office Specialist : Microsoft Excel 2000 Core, 2007

TEACHING EXPERIENCES

- Jun '07 - Present: Full-time Lecturer, Department of Computer Science
Assumption University, Bangkok, Thailand
- SC 1101 Computer Programming I
 - SC 2220 Computer Organization
 - SC 3211 Operating Systems
 - SC 3220 Computer Architecture
- Nov '04 - Present: Part-time Lecturer, International B.B.A. Program
Rajamangala University of Technology (Krungthep), Bangkok, Thailand
- 05-510-210 Data Structures
 - 05-520-110 Computer Architecture
 - 05-530-221 Computer Programming I
 - 05-530-361 Operating System
 - 05-550-420 Data Communication and Networks
 - 05-550-461 Internet Technology
 - 05-550-462 Internet and Intranet Systems
- Jun '10 - Present: Part-time Lecturer, Satriwit School, Thailand
- C Programming
- Jun '07 - Oct '07: Part-time Lecturer, International B.B.A. Program
Rajamangala University of Technology (Thanyaburi), Pathum Thani, Thailand
- 05-510-210 Data Structure and Algorithm
- Nov '00 - May '07: Full-time Lecturer, Department of Business Information Systems
Assumption University, Bangkok, Thailand
- BIS 1140 Microcomputer Applications
 - BIS 2180 Information Technology
 - BIS 3325 Computer Organization and Architecture
 - BIS 4657 Internet Security, Ethics and Law
- Nov '96 - Mar '99: Teaching Assistant, Internet AuNet Center
Assumption University, Bangkok, Thailand
- Maintain Windows 2000 Servers
 - Maintain Linux Servers
 - Maintain Office's Network Connectivity



WORK EXPERIENCES

- 2006/2 – 2007/1: Master Project Committee – CS6998 System Development Project
- 2004/2 – 2006/2: Course Coordinator – BC4500 Senior Project and BIS4995 Senior Project
- 2003/2 – 2005/2: Academic Committee – Department of Business Information Systems

PUBLICATIONS

- Piyabute Fuangkhon and Thitipong Tanprasert, A Dual Network Adaptive Learning Algorithm for Supervised Neural Network with Contour Preserving Classification for Soft Real Time Applications, International Conference on Hybrid Artificial Intelligence System (HAIS'10), San Sebastián, Spain, 23-25 June 2010.
 - Published in Lecture Notes in Artificial Intelligence LNAI 6076, Springer Berlin / Heidelberg, pp. 128-135, ISBN: 978-3-642-13768-6
- Piyabute Fuangkhon and Thitipong Tanprasert, An Adaptive Learning Algorithm for Supervised Neural Network with Contour Preserving Classification, International Conference on Artificial Intelligence and Computational Intelligence (AICI'09), Shanghai, China, 7-8 November 2009.

- Published in Lecture Notes in Artificial Intelligence LNAI 5855, Springer Berlin / Heidelberg, pp. 389-398, ISBN: 978-3-642-05252-1
- Piyabute Fuangkhn and Thitipong Tanprasert, An Incremental Learning Algorithm for Supervised Neural Network with Contour Preserving Classification, International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI'09), Pattaya, Chonburi, Thailand, 6-9 May 2009.
 - Published in Proceedings of the Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology Conference (ECTI-CON '09), pp. 740-743, ISBN: 978-1-4244-3388-9, IEEE Catalog Number: CFP0906E, Library of Congress: 2008910219
- Thitipong Tanprasert, Piyabute Fuangkhn and Churarat Tanprasert, An Improved Technique for Retraining Neural Networks In Adaptive Environment, International Conference on Intelligence Technology (InTech'08), Samui, Thailand, 7-9 October 2008.
 - Published in Proceedings of The Ninth International Conference on Intelligent Technologies (InTech 2008), pp. 77-80, ISBN: 978-9-7461529-6-9
- Piyabute Fuangkhn and Thitipong Tanprasert, Nipple Detection for Obscene Pictures, International Conference on Signal, Speech, and Image Processing (WSEAS SSIP'05), Corfu Island, Greece, 17-19 August 2005.
 - Published in Proceedings of the Fifth International Conference on Signal, Speech, and Image Processing (WSEAS SSIP'05), pp. 315-320, ISBN: 960-8457-32-7
- Piyabute Fuangkhn, Neural Network-Based Nipple Detection for Obscene Pictures, WSEAS Transactions on COMPUTERS, Issue 9, Volume 4, September 2005, pp. 1138-1145, ISSN: 1109-2750

ACTIVITIES

- Scientific Committee, the 5th WSEAS International Conference on E-ACTIVITIES (E-ACTIVITIES '06) (E-Learning, E-Communities, E-Commerce, E-Management, E-Marketing, E-Governance, Tele-Working), Venice, Italy, 20-22 November 2006

SKILLS

- Server Operating Systems: Windows 2000 Server, Linux, Clustered Linux
- Programming Language: C, C++

AREA OF INTERESTS

- Computer Network
- Computer Security

RESEARCH AREAS

- Artificial Intelligence
- Distributed and Parallel Processing